

ABSTRACT

A multistage stroke cylinder apparatus includes a main cylinder having a main piston and a main rod, an intermediate stop position setting mechanism for setting an intermediate stop position of the main piston, and a return position setting mechanism for setting a return position of the main piston. The intermediate stop position setting mechanism includes a stop position setting piston for coming in contact with the main piston, an auxiliary rod extending from the setting piston, a stopper mounted to a tip end of the auxiliary rod such that a mounting position of the stopper can be changed, and a contact portion a position of which can be changed by a contact position adjusting piston. The return position setting mechanism includes a return position setting piston and a position setting rod connected to the return position setting piston and having a tip end projecting behind the stop position setting piston.

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